

Amendments to the Specification:

Please amend the paragraph beginning on page 11, at line 11, as shown below:

Referring now to Figure 7 ~~Figure 6~~, a memory map for implementing operating modes according to an embodiment of the present invention is shown. A memory map, shown generally by 190, represents the allocation of memory for data tables used by programmable control 30. Preferably, this data is held in non-volatile memory such as flash memory. Memory map 190 includes channel table 192, mode table 194 and scheme table 196.

Please amend the paragraph beginning on page 12, at line 25, as shown below:

Memory map 190 illustrated in Figure 7 ~~Figure 6~~ implements a single rolling code mode and three fixed code modes based on the fixed code size. Other arrangement of modes are possible. For example, more than one rolling code modes may be used. Only one fixed code mode may be used. If more than one fixed code mode is used, characteristics other than fixed code size may be used to distinguish between fixed code modes. For example, fixed code schemes may be grouped by carrier frequency, modulation technique, baseband modulation, and the like.

Please amend the abstract as follows. A replacement copy of the abstract is attached as a separate sheet.

A universal remote control is provided. ~~The present invention provides a universal remote control.~~ For each channel supported, a mode is initially established as rolling mode. For a fixed code appliance, a fixed code is received and stored, and the mode changed to fixed mode. When an activation request is received, the mode associated with that activation input is examined. If the mode is rolling

mode, a sequence of rolling code activation signals is transmitted, each based on one of the plurality of rolling code transmission schemes. If the mode is fixed mode, at least one activation signal is transmitted based on a fixed code transmission scheme and including a reversal or an inverse of the stored fixed code.